ENT BOOK

| imensions | | | Contents | Reference to last Measurement |
|---|---|---|---|---|
| h | Breadth 5 | Depth 6 | 7 | 8 |
| | | Total Amt | 43,99,148=00 | |
| | | | 4,83,906=00 | |
| | | | 43,991=00 | |
| | | Totally | 49,27,045=00 | |

Pay JE
5/5/14

Date 12-9-14
Vr. No ...
Chq No 882158 Date 12-9-14
Amount Rs 4,203,007

Asst Supdt
B T Pur Division BTM Layout
Bangalore

Exe Engineer
BTMP.

BR223/31-7-14

# M.A.R. 57 (Rule 116)

Measurement Book No. A/11

188249

Serial No... 1st and final Bill Rlo. 28/7/2014.

Name of work... Improvement to Roads, Road drains in Kasturinagar Cross

Name of Contractor of nature of Agency... Roads in ward no 7 Byatarayanapura in

Date of commencement of work... Kodigehalli Sub division.

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Est Cost Rs 30.00 Lakhs | | | | | | |
| | Job No: 007-14-0000-34- | | | | | | |
| | AS NO: JC(4) AS/328/13-14 | | | | | | |
| | TS NO: EE/BTP/TS NO/27/13-14 | | | | | | |
| | Agency: M. Prakash. | | | | | | |
| | Work order NO: EE/BTP/WO/23/14-15 | | | | | | |
| | Agg NO: EE/BTP/23/14-15. | | | | | | |
| ① | Remaining B-S. block & drain and steening | | | | | | |
| | Quantity Recorded in this MB vide P. No. 188288 | | | | | | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Qty = 854.76 Sqm. limited to 554.40 Sqm @ Rs 49.91/Sqm | | | | | — 27,504=00 | |
| 2) | Refixing of Stone slab of drain and pointing in CM 1:3. | | | | | | |
| a) | Karlivargan cross Road | 2 | 50.90 | 1.65 | — | 167.97 | |
| b) | Srinivasa pravisan Steet Road | 2 | 70.60 | 1.65 | — | 232.98 | |
| c) | Narayanswamy Road | 2 | 93.60 | 1.65 | — | 308.88 | |
| | | | | | Totally | 733.93 | |
| | Qty 443.52 Sqm @ Rs 69.34/Sqm | | | | | — 30,754=00 | |
| 3) | providing Granite slab of Selected Quality & Rotary Drilled and fixing of 50mm and disposy of Specific Materials. | | | | | | |

M.A.R.

Measu

Serial No.....

Name of work.....From

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Number | L |
|---|---|---|---|
| 1 | 2 | 3 | |
| | Narasaraappa Road | 2 — | 6 |
| | Qty limit to 88.70 Sq | | |
| 4) | Supplying & Excavating to a depth of 50mm and Materials as per Specification | | |
| | Main Road Karlivargan | — | |
| | | 1 | 18 |
| | | 1 — | 18 |
| | | 1 — | 13. |

SUREMENT BOOK

| er | Dimensions: Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|
| | limited to 554.40 Sq m | | | — 27,504=00 | |
| | 91/Sq m | | | | |
| | of drain and pointing in CM | | | | |
| | — | — | | | |
| | 50.90 | 1.65 | — | 167.97 | |
| | — | — | | | |
| | 70.60 | 1.65 | — | 232.98 | |
| | — | — | | | |
| | 93.60 | 1.65 | — | 308.88 | |
| | | | Totally | 733.93 Sq m | |
| | 39 Sq m @Rs | 69.34/Sqm | | — 30,754=00 | |
| | lock of Lillutted Quality & | | | | |
| | fixing of 50mm and dispersy | | | | |

# M.A.R. 57 (Rule 116)

Measurement Book No. A/11 188250

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date 1 | Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | Hemisuvarappa Road | 2 | 67.20 | 1.65 | — | 221.76 Sq m | |
| | Qty limited to 88.70 Sq m | @Rs 340.01/Sq m | | | — | 30,159=00 | |
| 4) | Supplying & Executing granular Road Subase to a depth of 50mm and dispersed of Specified Materials as per Specification of Schedule B. | | | | | | |
| | Main Road Karkinavaram | — | — | — | | | |
| | | 1 | 18.7 | 4.80 | — | 80.41 | |
| | | 1 | 18.70 | 4.80 | — | 80.41 | |
| | | 1 | 13.70 | 4.70 | — | 63.45 | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | @ Rs | 3.90 | /Sqm | | | Rs 8013=00 | |
| 6) | Construction of Embankment with approved materials with all lifts and loads Transportation etc complete as per Specifications | | | | | | |
| | Surface Area is Same as Item No (5) | | | | | | |
| | | 2048.16 x 0.10 = 214.81 cum | | | | | |
| | Qty limited to 205.20 cum | | | | | | |
| | @ Rs | 164.66 | /cum | | | Rs 33788-00 | |
| 7) | providing and laying in Rcc of Grade of Mix M 7.5 with upc Cement @ 180 kgs with 40 mm and down Size graded granite Metal. | | | | | | |
| | Surface Area is same as Item No (6). | | | | | | |

M.A.R. 57

Measuren

Serial No.....

Name of work.....From.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Number | Leng |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| | Main Road | 1 | 18. |
| | | 1 | 18. |
| | | 1 | 13. |
| | Service provision Sta | 1 | 18. |
| | | 1 | 20. |
| | | 1 | 32. |
| | | 1 | 28. |
| | Municipal Road | 1 | 38 |
| | | 1 | 19. |

| Dimensions | | | Contents | Reference to last Measurement |
|---|---|---|---|---|
| Length 4 | Breadth 5 | Depth 6 | 7 | 8 |
| | | | Rs 8013=00 | |
| /Sqm | | | | |
| ent with approved materials | | | | |
| Transportation etc complete | | | | |
| | | | | |
| ve on item No (4) | | | | |
| 8.16 x 0.10 = 214.84 Cubr | | | | |
| 5.20 Cubr | | | | |
| 164.66 /cubr | | | Rs 33788-00 | |
| | | | | |
| ng in RCC of Concrete of Mix M | | | | |
| 20 by with 40 mm and down | | | | |
| Meter. | | | | |
| Above as Item No (4). | | | | |

# M.A.R. 57 (Rule 116)

Measurement Book No. A/11 188252

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date 1 | Full description, etc, of work 2 | Dimensions | | | | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | | Number 3 | Length 4 | Breadth 5 | Depth 6 | | |
| | Main Road | 1 | 18.70 | 4.80 | 0.10 | 8.04 Cubr | |
| | | 1 | 18.70 | 4.30 | 0.10 | 8.04 | |
| | | 1 | 13.70 | 4.70 | 0.10 | 6.34 | |
| | Service Road on Rt | 1 | 18.50 | 5.80 | 0.10 | 10.40 | |
| | | 1 | 20.10 | 6.80 | 0.10 | 13.68 | |
| | | 1 | 32.50 | 6.20 | 0.10 | 20.15 | |
| | Driveway Road | 1 | 28.40 | 5.40 | 0.10 | 15.33 | |
| | | 1 | 38.80 | 5.10 | 0.10 | 19.78 | |
| | | 1 | 19.50 | 5.60 | 0.10 | 10.92 | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Narayan swamy Room | 1 | 33.80 | 4.80 | 0.10 | 16.22 | |
| | | 1 | 30.30 | 5.90 | 0.10 | 17.87 | |
| | | 1 | 30.30 | 5.10 | 0.10 | 15.45 | |
| | Ramkumar Home Road | 1 | 17.90 | 4.90 | 0.10 | 8.77 | |
| | | 1 | 3.30 | 2.70 | 0.10 | 0.72 | |
| | | 1 | 27.70 | 3.60 | 0.10 | 9.97 | |
| | | 1 | 27.40 | 5.20 | 0.10 | 14.24 | |
| | | 1 | 38.4 | 4.90 | 0.10 | 18.81 | |
| | | | | | Totally | 2 14.81 cm | |
| | Qty limited to 205.20 cum | | | | | | |
| | @ 4247.93 /cm | | | | | | |
| | | | | | | ₹ 8,71,675=00 | |

M.A.R. 5

Measu

Serial No.....

Name of work.....Fron

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Number |
|---|---|---|
| 1 | 2 | 3 |
| 8) | providing and laying c.c graded granite jelly & R layer and well compacted. | |
| | Qty is same as item | |
| | limited to 205.20 cum | |
| | Valve de watering wi | |
| | Mat completed cost & | |
| | Specification | |
| | Qty is same as item | |

## UREMENT BOOK

| Dimensions | | | Contents | Reference to last Measurement |
|---|---|---|---|---|
| Length 4 | Breadth 5 | Depth 6 | 7 | 8 |
| 33.80 | 4.80 | 0.10 | 16.22 | |
| 30.30 | 5.90 | 0.10 | 17.87 | |
| 30.30 | 5.10 | 0.10 | 15.45 | |
| 17.90 | 4.90 | 0.10 | 8.77 | |
| 3.30 | 2.70 | 0.10 | 0.72 | |
| 27.70 | 3.60 | 0.10 | 9.97 | |
| 27.40 | 5.20 | 0.10 | 14.24 | |
| 38.4 | 4.90 | 0.10 | 18.81 | |
| | | Totalls | 214.81 cm | |
| 5.20 cm | | | | |
| 247.93 /cm | | | Rs 87,675=00 | |

## M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 188253

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date 1 | Full description, etc, of work 2 | Dimensions Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| 8) | providing and laying c.c using 20mm and downwards graded granite jelly of RCC work laid in 15 cm thick layer and well compacted. etc complete as per specifications Qty is same as item no (7) - 214.81 cmt limited to 205.20 cmt @ Rs 6403.44/cmt | | | | | Rs | 13,13,985=00 |
| 9) | Valume de watering with vacuum pump with suction Mat complete cost & generator complete as per specification Qty is same as item no (8) ~~205.20~~ 2148.16 Sqm | | | | | | |

# MEASUREMENT BOOK

| Date 1 | Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | Qty limited to 2052. Sq mt @Rs 90.88/mt | | | | | Rs 186486=00 | |
| 10) | providing and Grove cutting of width of 5mm to 10mm and depth 80mm etc complete | | | | | | |
| | | 12 | 4.50 | — | 5 | 54.00 | |
| | | 20 | 4.0 | — | — | 80.00 | |
| | | | | | | 134.00 mt | |
| | | | | | | Rs 11761=00 | |
| | Limit to 100.00 mt @Rs 117.61/m | | | | | | |
| 11) | Earth Work Excavation for Foundation & building & Culvert water Supply Sanitary line and Electrical Conduit etc complete as per Specification | | | | | | |
| | | 1 | 8.0 | 2.0 | 0.90 | 14.40 | |
| | CD. | 1 | 8.10 | 2.10 | 0.90 | 15.30 | |

M.A.R.

Meas

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date 1 | Full description, etc, of work 2 | Number 3 |
|---|---|---|
| | | 1 |
| | Qty limited to 38.88 | |
| 12) | providing and laying | |
| | | 1 |
| | | 1 |
| | | 1 |
| | Ramps | 6 |

SUREMENT BOOK

| ber | Dimensions: Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|
| | 2052.84 sqmt | | | Rs 18,6486=00 | |
| | 0.88/cmt | | | | |
| | cutting of width of 5mm to 20mm | | | | |
| | Compute | | | | |
| 2 | 4.50 | — | 5 | 54.00 | |
| 0 | 4.0 | — | — | 80.00 | |
| | | | | 134.00mt | |
| | 0 mt @Rs | 117.61/m | | Rs 11761=00 | |
| | ion for Foundation & building | | | | |
| | ply sanitary line and Electrical | | | | |
| | as per Specification | | | | |
| 1 | 8.0 | 2.0 | 0.90 | 14.40 cft | |
| 1 | 8.10 | 2.10 | 0.90 | 15.30 | |

**M.A.R. 57 (Rule 116)**

Measurement Book No. A/11

188254

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date 1 | Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | | 1 | 8.10 | 2.0 | 0.90 | 14.58 | |
| | | | | | | 44.28cft | |
| | Qty limited to 38.88 cmt @Rs 105.22/cmt | | | | | — | 4091=00 |
| 12) | providing and laying C.C 1:4:8- M.10 Mix | | | | | | |
| | | 1 | 8.0 | 2.0 | 0.20 | 3.20 cft | |
| | | 1 | 8.10 | 2.10 | 0.20 | 3.40 | |
| | | 1 | 8.10 | 2.0 | 0.20 | 3.20 | |
| | Ramps | 6 | 8.60 | 0.30 | 2.0 | 30.96 | |
| | | | | | TO fully | 40.76 cft | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Qty limited to | 38.88 cmt | @Rs 44 | 52.15/cm | | Rs 1,73,099=00 | |
| 13) | providing and Constructing S.S.W in Foundation with C.C of 1:6. Stone hammer dressed etc complete as per Specification as per Specification | | | | | | |
| | | 2 | 8.0 | 0.60 | 0.70 | 6.72 cmt | |
| | | 2 | 8.10 | 0.60 | 0.70 | 6.80 | |
| | | 2 | 8.10 | 0.60 | 0.70 | 6.80 | |
| | | | | | Totally | 20.32 cmt | |
| | Qty limited to 17.28 cmt @Rs 260.33/cm | | | | | Rs. 4499=00 | |
| 14) | providing Centering Removing centering Shuttering etc Complete as per Specification | | | | | | |

M.A.R. 57

Measurer

Serial No.....

Name of work.....From.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Number | Len |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| | | 3x2 | 8.1 |
| | | 3x2 | 2. |
| | Qty is limit to | 14.40 | Sq |
| 15) | providing and laying Conc | | |
| | Size Jelly & RMC & Mix for | | |
| | Specifications & Schedule | | |
| | | 1 | 8. |
| | | 1 | 8. |

## MEASUREMENT BOOK

| Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|
| Number 3 | Length 4 | Breadth 5 | Depth 6 | 7 | 8 |
| 38.88 cubic | @Rs 44 | 52.15/cu | | Rs 1,73099=00 | |
| Construction S.S.W in Foundation | | | | | |
| & harmon drawn etc complete | | | | | |
| as per specification | | | | | |
| 2 | 8.0 | 0.60 | 0.70 | 6.72 cu | |
| 2 | 8.10 | 0.60 | 0.70 | 6.80 | |
| 2 | 8.10 | 0.60 | 0.70 | 6.80 | |
| | | | Totally | 20.32 cu | |
| 17.28 cu | | | | | |
| 260.33/cu | | | | Rs-4499=00 | |
| ving Removing centering Shuttering | | | | | |
| per Specification | | | | | |

## M.A.R. 57 (Rule 116)

Measurement Book No. A/11

Serial No..... 188255

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date 1 | Full description, etc, of work 2 | Dimensions | | | | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | | Number 3 | Length 4 | Breadth 5 | Depth 6 | | |
| | | 3x2 | 8.10 | 0.30 | – | 14.58 | |
| | | 3x2 | 2.0 | 0.30 | | 3.60 | |
| | | | | | Totally | 18.18 Sqm | |
| | Qty is limit to | 14.40 | Sqm | @Rs 26 | 8.37/Sq | Rs | 3865=00 |
| 15) | providing and laying Concrete of 20 mm and down size Jelly & RMC of Mix for RCC work as per Specifications of Schedule B | | | | | | |
| | | 1 | 8.0 | 1.80 | 0.30 | 4.32 cu | |
| | | 1 | 8.10 | 1.80 | 0.30 | 4.37 | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 1 - | 8.10 | 0.80 | 0.30 | 4.37 | |
| | | | | | | 13.07 cum | |
| | ~~Ramp limited to~~ | | | | | | |
| | Ramp previous | 6 - | 8.0 | 1.50 | 0.30 | 7.20 | |
| | | | | | Totally | 20.27 cum | |
| | Qty limit to | 19.87 cum | | | | | |
| | | @ ₹ 6403.44/cu | | | | ₹ 1,27,236=00 | |
| 16) | providing TMT steel Reinforcement for RCC work including straightening cutting bending hooking placing etc complete as per Specifications | | | | | | |
| | Qty Recorded in this MB vide P.No. 188289 | | | | | | |
| | Qty = 19.92 Quintal | limited to | | | 13.24 Qnt | | |
| | | @ ₹ | 7306.91 | / Qnt | | ₹ 96,743=00 | |

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Number |
|---|---|---|
| 1 | 2 | 3 |
| 17) | providing Ruled pointing | |
| | CM 1:3. 12mm deep after | |
| | mm etc complete as per spec | |
| | | 6 |
| | Qty limited to 28. | |
| | @ ₹ 79.1 | |
| | Above measurements & all items are | |
| | O.K. | |

## EASUREMENT BOOK

| Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|
| mber 3 | Length 4 | Breadth 5 | Depth 6 | 7 | 8 |
| - | 8.10 | 0.80 | 0.30 | 4.37 | |
| | | | | 13.07 cum | |
| ~~Ramp~~ - | | | | | |
| - | 8.0 | 1.50 | 0.30 | 7.20 | |
| | | | Totally | 20.27 cum | |
| .87 cum | | | | | |
| 6403.44/cu | | | | Rs 1,27,236=00 | |
| Reinforcement for RCC work | | | | | |
| cuting cutting bending hooking | | | | | |
| as per Specifications | | | | | |
| @Rs vide P.No. 188289 | | | | | |
| limited to 13. | 13.24 | Qnt | | | |
| 306.91/Qnt | | | | Rs 96,743=00 | |

IT - 18111=00
VAT - 72446 -
Fsd - 108669 -
CWC - 18111 -
CBT - 18111 -

Roy - 26-7-20

245868=00

M.A.R. 57 (Rule 116)

Measurement Book No. A/11

1,11,147=00

245868=00

188256

Serial No.....

Name of work.....From.....To.....

15,65,273=00

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Shishupal S.C.

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | Number 3 | Length 4 | Breadth 5 | Depth 6 | 7 | 8 |
| (17) | providing Ruled pointing to course SSM walls in CM 1:3. 2 mm deep after raking the joints to depth of 20 mm etc complete as per specifications | | | | | | |
| | | 6 | 8.0 | 0.70 | - | 33.60 Sq | |
| | Qty limited to 28.80 Sqt. | | | | | | |
| | @Rs 79.12/Sq | | | | | Rs 2279=00 | |
| | Above measurements are checked & all items are correct | | | | Totally | 29,61,145=00 | |
| | D.K. Madhusudhan | | | | 28/7/14 | | |

28/7/14.